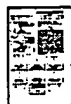


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JP2149335A2: CHITOSAN-GELATINE CROSSLINKING GEL

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Country: **JP Japan**

Kind:

Inventor(s): **DOI HIROSHI
MURAKAMI KOKI**

Applicant(s): **NIPPON OIL & FATS CO LTD**
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Issued/Filed Dates: **June 7, 1990 / Nov. 30, 1988**

Application Number: **JP1988000303642**

IPC Class: **B01J 13/00; A61K 7/00; A61K 47/36; A61K 47/42; C08H 1/00;**

Abstract: **Purpose:** To heighten heat resistant stability with time by preparing a chitosan- gelatine crosslinking gel from a reaction product of an aqueous solution containing gelatine, chitosan, and gelling retarding agent and a specified polyether compound.
Constitution: An aqueous solution containing gelatine, chitosan, and a gelling retarding agent. The aqueous solution and a compound expressed by a formula I (X2 is a residual group of a compound having 2-6 of carbons and 2-6 of hydroxy groups; A1 is oxyethylene, oxypropylene, or oxybutylene; Y1 is bibasic acid residue; Z1 expresses a formula II and its partial substituent) are crosslinked to higher polymerize the gelatine and chitosan mixture and form a good gel. Among the gelling retarding agents are potassium chloride, sodium chloride, magnesium chloride, etc. The mixing ratio of the agent is preferably 0.3-25wt.% of the total weight.
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Other Abstract info: **DERABS C90-220674 DERC90-220674**

Foreign References: **(No patents reference this one)**



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